

Virginia Title V Operating Permit

Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9 VAC 5-80-50 through 9 VAC 5-80-300 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Transcontinental Gas Pipe Line Corporation
Facility Name:	Compressor Station 180 Transcontinental Gas Pipe Line Corporation
Facility Location:	7444 Everona Road Unionville, Virginia
Registration Number:	40782
Permit Number:	FSO40782

July 13, 2001

Effective Date

July 13, 2006

Expiration Date

Dennis H. Treacy

Director, Department of Environmental Quality

Signature Date

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I. Facility Information

Permittee

Transcontinental Gas Pipe Line Corporation
P. O. Box 1396
Houston, Texas 77251-1396

Responsible Official

Mr. James P. Avioli
VP - Operations

Facility

Compressor Station 180
Transcontinental Gas Pipe Line Corporation
7444 Everona Road
Unionville (Orange County), Virginia 22567

Contact Person

Mr. Mitchell S. Singer, P. E.
Environmental Engineer
(713) 215-3038

AIRS Identification Number: 51-137-0027

Facility Description: SIC Code: 4922 – Natural Gas Transmission

Transco is an interstate natural gas transmission company. Transco's 1,900-mile pipeline system transports natural gas from production areas in the Gulf Coast region to customers along the eastern seaboard. Transco's compressor stations are used to compress and move the gas along the system. Compressor Station 180 utilizes fourteen (14) mainline natural gas-fired, internal combustion, reciprocating engines [M01-M14] to compress and move the gas along the pipeline system. The facility has three (3) natural gas-fueled reciprocating auxiliary electric power generators [AUX01 - AUX03] for use when electric power is unavailable to the facility from the electric utility or when the electric utility requests the facility to provide its own station power.

II. Significant Emission Units

Significant emission units to be operated consists of:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
M01	01	Clark BA-8, 1800 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	16.6 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M02	02	Clark BA-8, 1800 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	16.6 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M03	03	Clark BA-8, 1800 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	16.6 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M04	04	Clark BA-8, 1800 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	16.6 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M05	05	Clark BA-8, 1800 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	16.6 x 10 ⁶ Btu/hr (heat input)	None	-	-	None

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
M06	06	Clark BA-8, 1800 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	16.6 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M07	07	Clark BA-8, 1800 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	16.6 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M08	08	Clark TLA-6, 2100 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	17.2 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M09	09	Clark TLA-6, 2100 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	17.2 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M10	10	Clark TLA-6, 2100 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	17.2 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M11	11	Clark TCV-10, 3400 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	26.0 x 10 ⁶ Btu/hr (heat input)	None	-	-	None

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
M12	12	Clark TCV-10, 3400 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	27.8 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M13	13	Clark TCV-10, 3400 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	27.8 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
M14	14	Clark TCV-14, 5500 hp natural gas internal combustion reciprocating compressor engine (Constructed before 1972)	43.0 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
AUX01	15	Ingersoll Rand PVG-8 natural gas internal combustion reciprocating auxiliary electric power generator (Constructed before 1972)	5.5 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
AUX02	16	Ingersoll Rand PVG-8 natural gas internal combustion reciprocating auxiliary electric power generator (Constructed before 1972)	5.5 x 10 ⁶ Btu/hr (heat input)	None	-	-	None
AUX03	17	Ingersoll Rand PVG-8 natural gas internal combustion reciprocating auxiliary electric power generator (Constructed before 1972)	5.5 x 10 ⁶ Btu/hr (heat input)	None	-	-	None

*The Size/Rated capacity is provided for informational purposes only, and is not an applicable requirement.

III. Compressor Engine [Unit ID #'s M01 through M14] and Auxiliary Electric Power Generator [Unit ID #'s AUX01 through AUX03] Requirements

A. Limitations

1. Sulfur dioxide emissions from the operation of the compressor engines [M01- M14] and the auxiliary electric power generators [AUX01-AUX03] shall not exceed 2.64K pounds per hour, where K equals the actual heat input at total capacity expressed in Btu x 10⁶ per hour.
(9 VAC 5-40-280 B and 9 VAC 5-80-110)
2. Visible emissions from each compressor engine [M01-M14] and each auxiliary electric power generator [AUX01-AUX03] exhaust stack shall not exceed 20 percent opacity except for one six-minute period in any one hour of not more than 60 percent opacity. The opacity standard prescribed under this permit condition shall apply at all times except during periods of compressor engine startup, shutdown and malfunction. Failure to meet the requirement of this permit condition because of water vapor shall not be a violation of this requirement.
(9 VAC 5-40-320, 9 VAC 5-40-20, and 9 VAC 5-80-110)
3. The approved fuel for the compressor engines [M01-M14] and the auxiliary electric power generators [AUX01-AUX03] is pipeline quality natural gas. A change in the fuel may require a permit to modify and operate.
(9 VAC 5-80-110 B.1)
4. Compressor engine [M01- M14] and auxiliary electric power generator [AUX01- AUX03] emissions shall be controlled by proper operation and maintenance. Operators shall be trained in the proper operation of all such equipment. Training shall consist of a review and familiarization of the manufacturer's operating instructions, at minimum. The permittee shall have available good written operating procedures and a maintenance schedule for the compressor engines and the auxiliary electric power generators. These procedures shall be based on the manufacturer's recommendations, at a minimum.
(9 VAC 5-80-110 B.1)

B. Recordkeeping

1. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the DEQ, Fredericksburg Satellite Office. These records shall include, but are not limited to:

- a. Monthly and annual throughput of natural gas, in cubic feet, for each compressor engine [M01- M14] and each auxiliary electric power generator [AUX01- AUX03]. Annual throughput shall be calculated monthly as the sum of each consecutive 12-month period.
- b. Records of equipment malfunctions that would cause a violation of any part of this permit.
- c. Records of all scheduled and non-scheduled maintenance.
- d. Records of the training provided including the names of trainees, the date of training and the nature of the training.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.
(9 VAC 5-40-50 and 9 VAC 5-80-110 E & F)

C. Testing

1. The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request by the DEQ, test ports shall be provided at the appropriate locations.
(9 VAC 5-40-30 and 9 VAC 5-80-110)
2. If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the following methods in accordance with procedures approved by the DEQ as follows:

Pollutant	Test Method (40 CFR Part 60, Appendix A)
Sulfur Dioxide	EPA Method 6
Visible Emissions	EPA Method 9

(9 VAC 5-80-110)

IV. Insignificant Emission Units

The following emission units at the facility are identified in the application as insignificant emission units under 9 VAC 5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
IA1	Dutton 3830 natural gas-fired comfort heater (boiler)	9 VAC 5-80-720 C	N/A	2.6 MM Btu/hr
IA2	Cyclotherm LN-45 natural gas-fired comfort heater (boiler)	9 VAC 5-80-720 C	N/A	5.4 MM Btu/hr
IA6-IA15, IA18-IA20, IA22-IA34 & IA39-IA41	Miscellaneous storage tanks/sumps	9 VAC 5-80-720 B	VOC	N/A
IA16, IA17 & IA21	Miscellaneous lubricant or used oil tanks/sumps	9 VAC 5-80-720 C	N/A	Each less than 1000 gallons
IA35	Caterpillar 3306 natural gas-fired air compressor	9 VAC 5-80-720 C	N/A	1.0 MM Btu/hr
IA36	Caterpillar 3306 natural gas-fired air compressor	9 VAC 5-80-720 C	N/A	1.0 MM Btu/hr
IA37	Piping - mechanical joints: fugitive emissions	9 VAC 5-80-720 B	VOC	N/A
IA38	Water evaporator	9 VAC 5-80-720 B	VOC	N/A
IA42	Parts washer	9 VAC 5-80-720 B	VOC	N/A

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting has been prescribed in this permit for these emission units.

V. Permit Shield & Inapplicable Requirements

Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements that have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
40 CFR Part 63, Subpart HH	National Emission Standards for Hazardous Air Pollutants (NESHAP) for Oil and Natural Gas Production	These standards apply to facilities that process, upgrade, or store (1) hydrocarbon liquids and (2) natural gas from the well up to and including the natural gas processing plant. Transco's Compressor Station 180 does not engage in the processing, upgrading or storage of hydrocarbon liquids. Also, Transco's Compressor Station 180 is compressing and transporting natural gas downstream of any natural gas processing plant. Since Transco's Compressor Station 180 does not contain any of the affected sources listed in 40 CFR §63.760(b), the facility is not subject to the requirements of this subpart as stated in 40 CFR §63.760(d).
40 CFR Part 63, Subpart HHH	National Emission Standards for Hazardous Air Pollutants (NESHAP) for Natural Gas Transmission and Storage	These standards apply to facilities that process, upgrade, transport or store natural gas prior to delivery to a local distribution company (LDC) or a final end user if no LDC is present. The final standards for natural gas transmission and storage facilities require that the owner or operator of a major source of HAP reduce HAP emissions from glycol dehydration units through the application of air emission control equipment or pollution prevention measures, or a combination of both. 40 CFR §63.1270(b) states that the affected source is each glycol dehydration unit. 40 CFR §63.1270(c) states that the owner or operator of a facility that does not contain an affected source, as specified in paragraph (b) of this section, is not subject to the requirements of this subpart. Transco's Compressor Station 180 does not contain any glycol dehydration units and therefore, the standards of Subpart HHH are not applicable.
40 CFR Part 68	Chemical Accident Prevention Provisions	These provisions apply to a <i>stationary source</i> that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR §68.115. Under 40 CFR §68.3 (Definitions), "the term stationary source does not apply to transportation ..."; transportation includes transportation subject to oversight or regulation under 49 CFR parts 192, 193, or 195, or a state natural gas or hazardous liquid program for which the state has in effect a certification to Department of Transportation (DOT) under 49 U.S.C. section 60105. Transco's Compressor Station 180 is regulated by the DOT pursuant to 49 CFR Part 192. Therefore, 40 CFR Part 68 does not apply to Compressor Station 180.

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9 VAC 5-80-140)

VI. General Conditions

A. Federal Enforceability

All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.

(9 VAC 5-80-110 N)

B. Permit Expiration

This permit shall become invalid five years from the date of issuance. The permittee shall submit an application for renewal of this permit no earlier than 18 months and no later than six months prior to the date of expiration of this permit. Upon receipt of a complete and timely application for renewal, this source may continue to operate subject to final action by the DEQ on the renewal application.

(9 VAC 5-80-110 D and 9 VAC 5-80-80 F)

C. Recordkeeping and Reporting

1. All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:
 - a. The date, place as defined in the permit, and time of sampling or measurements.
 - b. The date(s) analyses were performed.
 - c. The company or entity that performed the analyses.
 - d. The analytical techniques or methods used.
 - e. The results of such analyses.
 - f. The operating conditions existing at the time of sampling or measurement.

(9 VAC 5-80-110 F)

2. Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

(9 VAC 5-80-110 F)

3. The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than **March 1** and **September 1** of each calendar year. This report must be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:
 - a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31.
 - b. All deviations from permit requirements. For purposes of this permit, deviations include, but are not limited to:
 - (1) Exceedance of emissions limitations or operational restrictions;
 - (2) Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or compliance assurance monitoring which indicates an exceedance of emission limitations or operational restrictions; or,
 - (3) Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.
 - c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that “no deviations from permit requirements occurred during this semi-annual reporting period.”

(9 VAC 5-80-110 F)

D. Annual Compliance Certification

Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than **March 1** each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. This certification shall be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:

1. The time period included in the certification. The time period to be addressed is January 1 to December 31.
2. The identification of each term or condition of the permit that is the basis of the certification.

3. The identification of the methods or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period, and whether such methods or other means provide continuous or intermittent data. Such methods and other means shall include, at a minimum, the methods and means required under this permit. If necessary, the owner or operator shall also identify any other material information that must be included in the certification to comply with section 113(c) of the federal Clean Air Act, which prohibits knowingly making a false certification or omitting material information.
4. The status of compliance with the terms and conditions of the permit for the period covered by the certification, based on the method or means designated in Condition VI.D.3 of this permit. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred.
5. Such other facts as the permit may require to determine the compliance status of the source.

One copy of the annual compliance certification shall be sent to EPA at the following address:

Clean Air Act Title V Compliance Certification (3AP00)
U. S. Environmental Protection Agency, Region III
1650 Arch Street
Philadelphia, PA 19103-2029.

(9 VAC 5-80-110 K.5)

E. Permit Deviation Reporting

The permittee shall notify the DEQ, Fredericksburg Satellite Office, within four daytime business hours, after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to General Condition VI.C.3 of this permit.
(9 VAC 5-80-110 F.2 and 9 VAC 5-80-250)

F. Failure/Malfunction Reporting

If, for any reason, the affected facilities or related air pollution control equipment fails or malfunctions and may cause excess emissions for more than one hour, the owner shall notify the DEQ, Fredericksburg Satellite Office, within four (4) daytime business hours

of the occurrence. In addition, the owner shall provide a written statement, within fourteen (14) days, explaining the problem, corrective action taken, and the estimated duration of the breakdown/shutdown.

(9 VAC 5-20-180 C)

G. Severability

The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.

(9 VAC 5-80-110 G.1)

H. Duty to Comply

The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.

(9 VAC 5-80-110 G.2)

I. Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(9 VAC 5-80-110 G.3)

J. Permit Action for Cause

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause as specified in 9 VAC 5-80-110 L, 9 VAC 5-80-240 and 9 VAC 5-80-260. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

(9 VAC 5-80-110 G.4)

2. Such changes that may require a permit modification and/or revisions include, but are not limited to, the following:

- a. Erection, fabrication, installation, addition, or modification of an emissions unit (which is the source, or part of it, which emits or has the potential to emit any regulated air pollutant), or of a source, where there is, or there is potential of, a resulting emissions increase;

- b. Reconstruction or replacement of any emissions unit or components thereof such that its capital cost exceeds 50% of the cost of a whole new unit;
- c. Any change at a source which causes emission of a pollutant not previously emitted, an increase in emissions, production, throughput, hours of operation, or fuel use greater than those allowed by the permit, or by 9 VAC 5-80-11, unless such an increase is authorized by an emissions cap; or any change at a source which causes an increase in emissions resulting from a reduction in control efficiency, unless such an increase is authorized by an emissions cap;
- d. Any reduction of the height of a stack or of a point of emissions, or the addition of any obstruction which hinders the vertical motion of exhaust;
- e. Any change at the source which affects its compliance with conditions in this permit, including conditions relating to monitoring, recordkeeping, and reporting;
- f. Addition of an emissions unit which qualifies as insignificant by emissions rate (9 VAC 5-80-720 B) or by size or production rate (9 VAC 5-80-720 C);
- g. Any change in insignificant activities, as defined by 9 VAC 5-80-90 D.1.a(1) and 9 VAC 5-80-720 B and 9 VAC 5-80-720 C.

(9 VAC 5-80-110 G, 9 VAC 5-80-110 J, 9 VAC 5-80-240, and 9 VAC 5-80-260)

K. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege.
(9 VAC 5-80-110 G.5)

L. Duty to Submit Information

- 1. The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9 VAC 5-80-110 G.6)
- 2. Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9 VAC 5-80-80 G.
(9 VAC 5-80-110 K.1)

M. Duty to Pay Permit Fees

The owner of any source for which a permit under 9 VAC 5-80-50 through 9 VAC 5-80-300 was issued shall pay permit fees consistent with the requirements of 9 VAC 5-80-310 through 9 VAC 5-80-355. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by **April 15** of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department.
(9 VAC 5-80-110 H and 9 VAC 5-80-340 C)

N. Fugitive Dust Emission Standards

During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

1. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;
2. Application of asphalt, oil, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;
3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or other similar operations;
4. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,
5. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9 VAC 5-40-90)

O. Startup, Shutdown, and Malfunction

At all times, including periods of startup, shutdown, soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on

information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

(9 VAC 5-40-20)

P. Disposal of Volatile Organic Compounds

At all times, the disposal of volatile organic compounds shall be accomplished by taking measures, to the extent practicable, consistent with air pollution control practices for minimizing emissions. Volatile organic compounds shall not be intentionally spilled, discarded in sewers which are not connected to a treatment plant, or stored in open containers or handled in any other manner that would result in evaporation beyond that consistent with air pollution control practices for minimizing emissions.

(9 VAC 5-40-20 F)

Q. Alternative Operating Scenarios

Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9 VAC 5 Chapter 80, Article 1.

(9 VAC 5-80-110 J)

R. Inspection and Entry Requirements

The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

1. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.
2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.
3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.
4. Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9 VAC 5-80-110 K.2)

S. Reopening For Cause

The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9 VAC 5-80-80 F.

1. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
2. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
3. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9 VAC 5-80-110 D.

(9 VAC 5-80-110 L)

T. Permit Availability

Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.

(9 VAC 5-80-150 E)

U. Transfer of Permits

1. No person shall transfer a permit from one location to another, unless authorized under 9 VAC 5-80-130, or from one piece of equipment to another.
(9 VAC 5-80-160)
2. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)
3. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall

comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

V. Malfunction as an Affirmative Defense

1. A malfunction constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the conditions of paragraph 2 are met.
2. The affirmative defense of malfunction shall be demonstrated by the permittee through properly signed, contemporaneous operating logs, or other relevant evidence that show the following:
 - a. A malfunction occurred and the permittee can identify the cause or causes of the malfunction.
 - b. The permitted facility was at the time being properly operated.
 - c. During the period of malfunction, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit.
 - d. The permittee notified the board of the malfunction within two working days following the time when the emissions limitations were exceeded due to the malfunction. This notification shall include a description of the malfunction, any steps taken to mitigate emissions, and corrective actions taken. The notification may be delivered either orally or in writing. The notification may be delivered by electronic mail, facsimile transmission, telephone, telegraph, or any other method that allows the permittee to comply with the deadline. The notice fulfills the requirement of 9 VAC 5-80-110 F.2.b to promptly report deviations from permit requirements. This notification does not release the permittee from the malfunction reporting requirements under 9 VAC 5-20-180 C.
3. In any enforcement proceeding, the permittee seeking to establish the occurrence of a malfunction shall have the burden of proof. The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any requirement applicable to the source.

(9 VAC 5-80-250)

W. Permit Revocation or Termination for Cause

A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9 VAC 5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe, any permit for any of the grounds for revocation or termination or for any other violations of these regulations.
(9 VAC 5-80-260)

X. Duty to Supplement or Correct Application

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9 VAC 5-80-80 E)

Y. Stratospheric Ozone Protection

If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(40 CFR Part 82, Subparts A-F)

Z. Accidental Release Prevention

If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115 and is subject to 40 CFR Part 68, the permittee shall comply with the requirements of 40 CFR Part 68.
(40 CFR Part 68)

AA. Changes to Permits for Emissions Trading

No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9 VAC 5-80-110 I)

BB. Emissions Trading

Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

1. All terms and conditions required under 9 VAC 5-80-110, except subsection N, shall be included to determine compliance.
2. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.
3. The owner shall meet all applicable requirements including the requirements of 9 VAC 5-80-50 through 9 VAC 5-80-300.

(9 VAC 5-80-110 I)